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IN THE CLAIMS

Claims 1-12 (Canceled)

13. (Currently Amended) A computer system comprising:

a plurality of client computers;

a plurality of servers;

a plurality of storages which have multiple disk drives
and keep data in said plurality of disk drives;a local area network (LAN) which connects said computers
with said servers and;a storage area network (SAN) which lies between said
servers and said storages,wherein said SAN forms a switched circuit network having
fiber channel switches and arranged to connect any of said
servers and any of said storages through said fiber channel
switches, and said computer system comprising:a terminal, which is connected to said LAN and equipped
with operation and management software which performs storage
management, including management of logical volumes in said
storages, management of data arrangement including moving data
in one of said logical volumes to another of said logical
volumes, management of error monitoring for said storages,
management of setting up said fiber channel switches, and

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management of a server-less backup operation for backing-up data ~~in~~ directly from one of said storages to a backup storage of said storages via said SAN without relaying said data via any of said servers or said terminal.

14. (Currently Amended) The computer system as claimed in claim 13, wherein said SAN is connected to a SAN in another computer system via a wide area network (WAN).

15. (Currently Amended) The computer system as claimed in claim 13 wherein, when a backup copy of data ~~in the~~ a primary volume ~~in a~~ said one storage is made to ~~a~~ said backup device storage in a non-disruptive manner, ~~the~~ a secondary volume corresponding to the primary volume is created by internal functions ~~in the relevant~~ said one storage, copies are made from said primary volume to said secondary volume, the made copies are transferred from said secondary volume to said backup device storage via said SAN without passing said LAN, and thereby backup is achieved.

16. (Currently Amended) A computer system comprising:
a plurality of client computers;
a plurality of servers;

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a plurality of storages which keep data;

a local area network (LAN) which connects said computers with said servers; and

a storage area network (SAN) which lies between said servers and said storages,

wherein said SAN forms a switched circuit network having fiber channel switches and arranged to connect any of said servers and any of said storages through said fiber channel switches, and

wherein when a backup copy of data in a primary volume in one of said storages is to be made to a backup-device storage of said storages in a non-disruptive manner in a server-less backup operation for backing up data directly from one of said storages to said backup storage without relaying said data via any of said servers, said ~~one of said storage~~ is arranged to receive a volume split instruction from one of said servers, process as if data in the primary volume were kept in a secondary volume of said one of said storages as it is at the time of receiving said instruction, and ~~made~~ make the backup copy from said secondary volume to the backup-device storage.